

	Document ID	Issue Date	Pages	Title	Current OR
1	US 20050169387 A1	20050804	16	Method and system for the error resilient transmission of predictively encoded signals	375/243
2	US 20040208249 A1	20041021	27	Calibrated model to mitigate data conversion errors	375/243
3	US 20030072360 A1	20030417	13	Digital connection detection technique	375/222
4	US 20020106028 A1	20020808	17	System to reduce distortion due to coding with a sample-by-sample quantizer	375/243
5	US 20010050959 A1	20011213	39	Encoder and communication device	375/243
6	US 7164719 B2	20070116	16	System to reduce distortion due to coding with a sample-by-sample quantizer	375/243
7	US 7142597 B2	20061128	19	Full bridge integral noise shaping for quantization of pulse width modulation signals	375/238
8	US 7123659 B2	20061017	39	Digital reception apparatus for removing distortion from received signals	375/243
9	US 7046817 B2	20060516	30	Image processing apparatus and method therefor	382/100
10	US 6876706 B1	20050405	9	Method for common source and channel coding	375/243
11	US 6850493 B1	20050201	41	Off-line broadband network interface	370/252
12	US 6754258 B1	20040622	17	Systems, methods and computer program products for averaging learned levels in the presence of digital impairments based on patterns	375/220
13	US 6664913 B1	20031216	83	Lossless coding method for waveform data	341/200
14	US 6611795 B2	20030826	14	Apparatus and method for providing adaptive forward error correction utilizing the error vector magnitude metric	702/191
15	US 6600788 B1	20030729	17	Narrow-band filter including sigma-delta modulator implemented in a programmable logic device	375/245

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<b>3</b>	Liang, Haixiang et al.
<b>4</b>	Thyssen, Jes
<b>5</b>	Nishio, Kosuke et al.
<b>6</b>	Thyssen; Jes
<b>7</b>	Midya; Pallab et al.
<b>8</b>	Orihashi; Masayuki et al.
<b>9</b>	Kamijoh; Kohichi et al.
<b>10</b>	Xu; Wen
<b>11</b>	Ojard; Eric et al.
<b>12</b>	Abdelilah; Youssef et al.
<b>13</b>	Craven; Peter G. et al.
<b>14</b>	Cooper; Michael J.
<b>15</b>	Dick; Christopher H. et al.

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16	US 6590945 B1	20030708	13	Method and apparatus for frequency offset compensation	375/340
17	US 6212207 B1	20010403	11	Robbed bit signal detection and compensation	370/523
18	US 6157678 A	20001205	20	Probabilistic trellis/coded modulation with PCM-derived constellations	375/243
19	US 5963596 A	19991005	63	Audio decoder circuit and method of operation	375/243
20	US 5784491 A	19980721	21	Method and apparatus for coding and decoding image data using vector quantization	382/232
21	US 5757677 A	19980526	15	Compensation for differences in receiver signals and in satellite signals	702/85
22	US 5729556 A	19980317	63	System decoder circuit with temporary bit storage and method of operation	714/747
23	US 5710790 A	19980120	15	Communication arrangement with improved echo and noise suppression in a channel containing quantization	375/219
24	US 5694426 A	19971202	9	Signal quantizer with reduced output fluctuation	375/243
25	US 5610943 A	19970311	53	Signal processing apparatus	375/243
26	US 5568514 A	19961022	8	Signal quantizer with reduced output fluctuation	375/245
27	US 5526291 A	19960611	15	Compensation for receiver and satellite signal differences	702/85
28	US 5487087 A	19960123	8	Signal quantizer with reduced output fluctuation	375/245
29	US 5153593 A	19921006	11	Multi-stage sigma-delta analog-to-digital converter	341/143
30	US 4811398 A	19890307	18	Method of and device for speech signal coding and decoding by subband analysis and vector quantization with dynamic bit allocation	704/230
31	US 4800574 A	19890124	19	Digital modulator/demodulator including non-linear analog-to-digital converter and circuitry compensating for the non-linearity of the converter	375/243
32	US 4742543 A	19880503	31	Video transmission system	380/237

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17	Nicholas; Michael G.
18	Wei; Lee-Fang
19	Benbassat; Gerard et al.
20	Koga; Yuzuru
21	Lennen; Gary R.
22	Benbassat; Gerard et al.
23	Herzberg; Hanan et al.
24	McCree; Alan V. et al.
25	Kakuishi; Mitsuo et al.
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33	US 4727506 A	19880223	12	Digital scaling circuitry with truncation offset compensation	708/551
34	US 4689759 A	19870825	14	Process and installation for the analysis and retrieval of a sampling and interpolation signal	702/197
35	US 4513426 A	19850423	9	Adaptive differential pulse code modulation	375/243
36	US 4369463 A	19830118	20	Gray scale image data compression with code words a function of image history	375/240.14
37	US 4133976 A	19790109	19	Predictive speech signal coding with reduced noise effects	704/226
38	US 3973199 A	19760803	17	Prediction differential pulse code modulation system with adaptive compounding	375/243
39	US 3906367 A	19750916	19	Method and apparatus for error correction in a digital data transmission system	375/249

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<b>33</b>	Fling; Russell T.
<b>34</b>	Anouar; Driss et al.
<b>35</b>	Jayant; Nuggehally S.
<b>36</b>	Anastassiou; Dimitris et al.
<b>37</b>	Atal; Bishnu S. et al.
<b>38</b>	Widmer; Walter
<b>39</b>	Hoeschele, Jr.; David F. et al.